

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/04640A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B19/28 G11B7/095 G11B27/13

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 127 (P-360), 31 May 1985 (1985-05-31) & JP 60 010454 A (RICOH KK), 19 January 1985 (1985-01-19) abstract -----	1,7,9
A	PATENT ABSTRACTS OF JAPAN vol. 011, no. 052 (P-548), 18 February 1987 (1987-02-18) & JP 61 219816 A (YOKOGAWA ELECTRIC CORP), 30 September 1986 (1986-09-30) abstract -----	1,7,9

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the International search

27 January 2004

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04/02/2004

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International Application No
PCT/IB 03/04640

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
JP 60010454	A 19-01-1985	NONE		
JP 61219816	A 30-09-1986	JP 1690065 C JP 3052890 B		27-08-1992 13-08-1991